

Abstract

A track jump apparatus and method which perform track jumping in consideration of the position of a pickup and the position of a lens of the pickup in an optical recording medium and system with eccentricity are provided. The track jump apparatus includes: a pickup, which reads a signal from an optical disc; an RF processing unit, which outputs an error signal controlling the pickup by shaping and amplifying the signal transmitted from the pickup; a servo, which judges a position of the pickup from the error signal output from the RF processing unit and outputs a track jump start/end control signal; and a driver, which moves the position of the pickup using the track jump start/end control signal output from the servo. A track jump method by which track jumping is performed in consideration of a position of a pickup can stably perform a search operation by determining a time of the track jump considering a lens position of the pickup in an optical recording medium and system with eccentricity.